

Converting Colors

HunterLab(16.0412, -5.4374,
-1.9677)

Have a look what the booklet for
HunterLab(16.0412, -5.4374,
-1.9677) contains.

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Color

**HunterLab(15.9219, -5.3536,
-1.9455)**

Conversions

Conversions Part 1

Format	Color
Hex	173033
RGB	23, 48, 51
RGB Percent	9%, 19%, 20%
CMY	0.9098, 0.8118, 0.8000
CMYK	0.55, 0.06, 0.00, 0.80
HSL	186°, 38%, 15%
HSV	186°, 55%, 20%
XYZ	2.0078, 2.5351, 3.5154
YIQ	40.8670, -15.8630, -4.3670

Conversions

Conversions Part 2

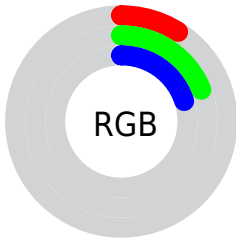
Format	Color
R_YB	23, 36, 51
Decimal	1519667
CIE Lab	18.08, -8.66, -4.93
CIE LCh	18, 9.969, 209.654
Yxy	2.5352, 0.2492, 0.3146
Android (android.graphics.Color)	4279709747 (0xFF173033)
YUV	40.8670, 4.9956, -15.6694
Hunter-Lab	15.9219, -5.3536, -1.9455

Details

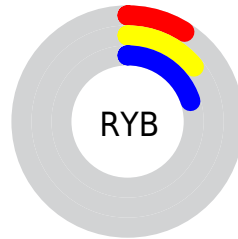
The HunterLab color **15.9219, -5.3536, -1.9455** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.2657, 6.0297, 3.7451**, and the grayscale version is **14.8360, -0.7916, 0.8061**.

A 20% lighter version of the original color is **31.7764, -7.6124, -1.6541**, and **0.9363, 2.5396, -6.6525** is the 20% darker color. If you saturate the color by 10%, you get **15.6084, -5.8156, -2.3811**, and if you desaturate by 10%, it is **16.2673, -4.7809, -1.4751**.

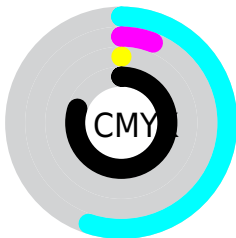
Distribution



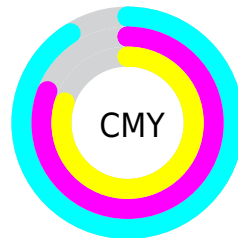
- Red (9%)
- Green (19%)
- Blue (20%)



- Red (9%)
- Yellow (14%)
- Blue (20%)



- Cyan (55%)
- Magenta (6%)
- Yellow (0%)
- Black (80%)



- Cyan (91%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9219, -5.3536, -1.9455 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 15.9219, -5.3536, -1.9455 by changing the saturation by 10% instead.

■ 15.9219, -5.3536,
-1.9455

■ 15.9219, -5.3536,
-1.9455

110.6240,
-14.8819, 0.9674

■ 9.4561, -4.4975,
-1.9299

■ 31.8296, -7.5001,
-1.7038

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.0549, -8.5435,
-1.4757

0.0000, NaN, NaN

■ 51.0314, -9.5832,
-1.1880

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7061, -10.6254,
-0.8471

0.0000, NaN, NaN

■ 73.0361, -11.6741,
-0.4576

0.0000, NaN, NaN

■ 84.9855, -12.7319,

0.0000, NaN, NaN

-0.0233

97.5236, -13.8008,
0.4525

15.9219, -5.3536,
-1.9455

15.9219, -5.3536,
-1.9455

15.6084, -5.8156,
-2.3811

16.2673, -4.7809,
-1.4751

15.3257, -6.1644,
-2.7809

16.6437, -4.1011,
-0.9731

15.0702, -6.4130,
-3.1482

17.0510, -3.3193,
-0.4420

14.8169, -6.6555,
-3.5191

17.4885, -2.4417,
0.1154

14.6868, -6.7840,
-3.7125

17.9555, -1.4750,
0.6962

■ 18.4510, -0.4261,
1.2977

■ 18.9740, 0.6979,
1.9170

■ 19.5234, 1.8901,
2.5519

■ 20.0981, 3.1441,
3.1999

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.9222, -5.9855, 0.8983



15.9219, -5.3536, -1.9455



15.9222, -3.5349, -4.3418

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.9222, -5.3537, -1.9453



15.9222, 4.1794, -2.0097



15.9222, -0.8172, 5.2611

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15.9219, -5.3536, -1.9455



12.2657, 6.0297, 3.7451

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.9222, 2.0247, 4.7530



15.9219, -5.3536, -1.9455



15.9222, 5.0311, 0.8350

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.9222, -5.3537, -1.9453



15.9222, 1.9631, -4.3834



15.9222, 4.2167, 3.2440



15.9222, -3.4812, 4.7760

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.9219, -5.3536, -1.9455



15.9222, -1.8262, -5.1871



15.9222, 4.2167, 3.2440



15.9222, 0.1494, 5.2023

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15.9222, -5.3537, -1.9453



22.4237, -3.3748, 0.0071



16.1973, -9.3745, 6.2819



11.8341, -1.7933, -0.0034



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.9222, -5.3537, -1.9453



19.9423, -7.7170, -3.3090



12.5569, -0.2436, -7.0552



9.7925, -0.9937, 0.2755



25.3326, -11.4989, -6.8407



65.8574, -29.3863, -18.8794

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12.3695, 10.1756, -5.6036



14.5156, 16.6948, -9.1516



15.0660, 0.5528, 6.1031



9.4608, 0.3615, -0.0084



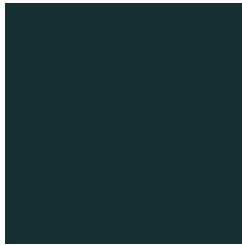
16.4646, 31.6860, -16.4135



43.1132, 82.8180, -41.7947

Previews

White Background



This preview shows how the HunterLab color 15.9219, -5.3536, -1.9455 looks on a white background.

Color Contrast Check

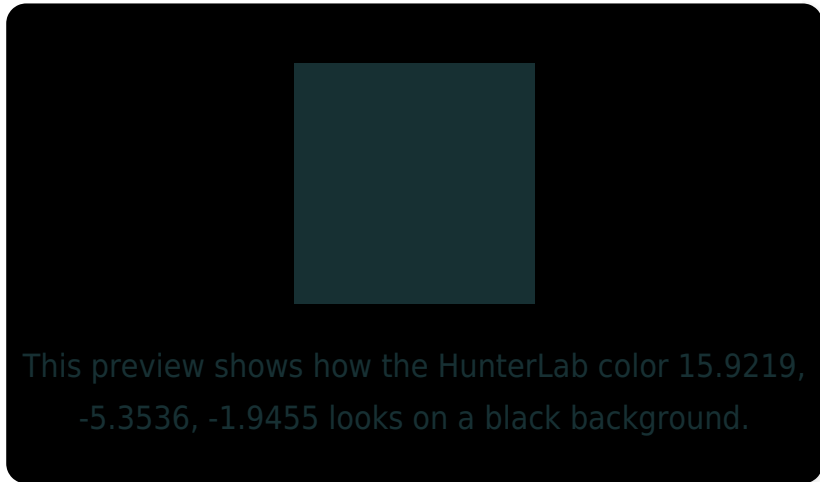
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

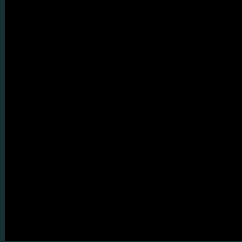
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

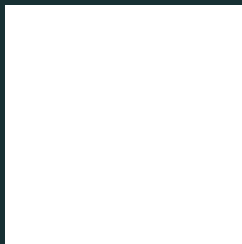
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 15.9219, -5.3536, -1.9455 Background



This preview shows how black text looks on a background with the HunterLab color 15.9219, -5.3536, -1.9455.



This preview shows how white text looks on a background with the HunterLab color 15.9219, -5.3536, -1.9455.

-1.9455.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15.9219, -5.3536, -1.9455

Protanopia

15.9695, -0.3056, -0.5469

Deuteranopia

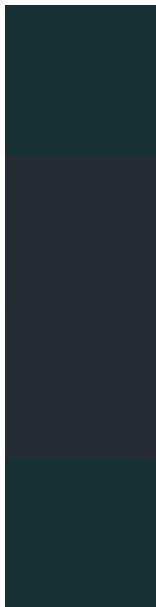
15.9172, 0.9196, -2.2773



Tritanopia

15.9499, -5.1925, -2.3393

Trichromacy



Original Color

15.9219, -5.3536, -1.9455

Protanomaly

15.7277, -2.3240, -1.3034

Deuteranomaly

15.8683, -1.6590, -2.3899

Tritanomaly

15.9499, -5.1925, -2.3393

Monochromacy



Original Color

15.9219, -5.3536, -1.9455

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.2673, -2.9367, -0.2849

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9219, -5.3536, -1.9455 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(23, 48, 51)` looks like.

```
.text, #text, p{  
    color:rgb(23, 48, 51)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(23, 48, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 48, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9219, -5.3536, -1.9455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(23, 48, 51) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(23, 48, 51) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(23, 48, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 48, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 48, 51);  
box-shadow:4px 4px 4px 4px rgb(23, 48, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9219, -5.3536, -1.9455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 48, 51) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(23, 48,  
51) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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